

Safety in the Lab

Notes

Learning Objective: In writing, SWBAT identify and describe the uses for different lab safety tools, using academic language, in order to understand how to stay safe in the lab.

Goggles

glasses that protect your eyes



Gloves

protect your hands

Lab apron

covers and protects your clothes and body



Chemicals

clean with soap and water if you touch or spill a chemical

Fire alarm

makes a loud noise to warn of a fire

Fire extinguisher

a container with chemicals that can put out a fire



First aid kit

a bag or box of medical supplies to treat someone who is sick or injured



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Check Your Understanding

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1. What safety equipment protects your eyes? _____ *protect your eyes.*

2. What should you do if you spill a chemical on your arm? *If you spill a chemical on your arm you should _____*

3. How do we stay safe during science experiments? *We stay safe during science experiments by _____ and _____ .*

4. Make a list of the places where you usually see first aid kits. *I usually see first aid kits in _____ and _____ .*

Learning Objectives: In writing, SWBAT describe ways to be safe in the lab, and explain the meaning of lab safety symbols, using academic language, in order to understand how to be safe in the lab.

How to stay safe in the lab

- wear goggles
- wear gloves
- wear a lab apron
- follow directions
- read safety signs and warnings
- do not start an experiment until the teacher says it's ok

Electric shock symbol



Sharp object symbol



Corrosive chemical symbol



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Science Skill

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1. What does the Electric Shock sign tell you?

The electric shock sign tells you that _____ .

2. What can happen with sharp objects?

_____ with sharp objects.

3. What clothes should you wear when you see the Corrosive Chemical sign?

You should wear _____ , _____ , and _____ when you see the corrosive chemical sign.

Accidents in the lab

tell the teacher right away

Treatment of living things

do not harm them in lab work or outside of class

Sometimes you can bring pictures of living things to class so you do not disturb nature

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Check Your Understanding

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1. How can you protect your hands from burns?

You can _____ to protect your hands from burns.

2. What is the first thing you do if there is an accident during an experiment?

The first thing you do if there is an accident during an experiment is _____ .

3. How can you avoid using living things in an experiment?

You can avoid using living things in an experiment by _____ instead.

4. Name one piece of safety equipment in your classroom.

One piece of safety equipment in my classroom is a _____ .